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Geographic Support Project

# GUIDED-MISSILE INTELLIGENCE AREA BRIEF PAPLAKA MRBM LAUNCH COMPLEX



CIA/RR GP 62-58 March 1962

CENTRAL INTELLIGENCE AGENCY
Office of Research, and Reports

SECKET

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30 March 1962

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Other publications related to the collection of guided-missile intelligence include the following:

CIA/RR KD-C 60-0252, Guided Missile Intelligence Collection Handbook, 1960 and later, SECRET (NOFORN.

CIA/RR GP 61-118:L, Key and Annotations to Map of Kaliningrad-Mytishchi Area, August 1961, SECRET.

CIA/RR G.CG 60-7 (RD-C 60-0003), <u>Dnepropetrovsk Automobile Plant No. 186</u> (DAZ), July 1960, SECRET.

CIA/RR G.CG 60-12 (RD-C 60-0005), Plant No. 8 and other Possible Missile-Related Plants in the Metropolitan Area of Sverdlovsk, December 1960, SECRET.

CIA/SI 81-59, Spacial Design Bureau and Experimental Factory for Missile Engine Development, Moskva/Khimki, October 1959, SECRET.

CIA/SI 82-59, Scientific Research Institute 4, Moscow/Bolshevo, October 1959, SECRET.

OSI-C-RA/60-2, Scientific Research Institute and Experimental Factory 88 for Guided Missile Development, Moskva/Kaliningrad, March 1960, SECRET.

## FOREWORD

This report is part of a continuing effort to provide collection support and briefing materials on Soviet guided-missile intelligence targets of highest priority and known location. It includes all pertinent intelligence available concerning the area within a 25-kilometer radius of the probable MRBM launch complex near Paplaka in the Latvian SSR.

Although a number of operational missile sites, such as those near Paplaka, have been identified, relatively little is known about the timing and nature of

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The material contained in this series of reports is intended to meet the need for detailed background information of any collector working on a specific guided-missile complex at any stage of his activity, from initial planning to the briefing, debriefing, and evaluation of sources. These reports are not intelligence requirements; such publications should be requested on a case-by-ease basis through established channels. It is anticipated that the material included in these reports may also be of use to intelligence analysts engaged in research on Soviet missile facilities.

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Significant details of the Paplaka area are presented in the form of a list that is keyed serially to an accompanying set of AMS 1:50,000 map sheets and to the <u>Liepāja City Plan</u> at 1:12,500. Also included in this report is a list of all place names falling within a 25-kilometer radius of the launch complex for use in identifying former residents of the area.

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# GUIDED-MISSILE INTELLIGENCE AREA BRIEF PAPIAKA MRBM LAUNCH COMPLEX

# I. <u>Introduction</u>

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The reported installation fits the description of other known Soviet MRBM launch complexes, consisting of two launch sites located about 4 kilometers apart in a heavily forested area. The launch sites are of the "in-line" configuration, each with four launch pads arranged in a straight line and served by a parallel road system and drive-through buildings about 65 meters long. Support areas are reportedly located to the east, behind the launch areas.

Soviet railroad timetables indicate that unscheduled passenger service is in operation to Otanka and Barta Stations about 5 kilometers due west of the complex on the narrow-gauge railroad line running south from Lubenieki. The density of the forest, however, prevents observation of the complex from any of the main transport routes in the area. The launch areas also are surrounded by guarded security fences.

The logistical support routes leading to the probable MRPM launch complex are not known precisely. Shipments to the site, however, would undoubtedly pass through Priekule Station. Certain construction atterials also are known to have been shipped by rail to Liepaja and thence by truck to the construction site via the road leading south through Grobina past Otanka and Barta Stations. Lubenieki may also be a transloading point from rail to road for shipment over this route. Equally feasible is rail-to-road offloading at Paplaka Station, where shipments would be transferred to trucks and then proceed along the main road leading south

through Bulijkrogs and thence west-southwest to the complex. The probable missile launch sites are connected with the transportation network by roads cut through the forest.

# II. General Description of the Area Within a 25-Kilometer Radius

The probable MREM launch complex lies in a wooded area approximately 10 kilometers southwest of Paplaka and 13 kilometers northeast of the village of NIca.

The terrain immediately around the complex is almost flat. To the west and south are marshy areas at near sea level and gently rolling hills and sand dumes that rise to about 70 feet. These areas are covered by forests and marshes interrupted by occasional patches of agricultural land. To the north and west of the complex the Kurzeme Uplands rise to elevations of about 400 feet. The uplands consist of rolling, morainic hills with small patches of forest cover and interlacing small streams that follow old glacial stream and river beds.

The principal hydrographic features of the launch-complex area are five lakes to the south and northeast of Liepāja and the Bārta and Vartāja Rivers. A string of three lakes -- Liepāja, Mēķes, and Papes -- extends south from Liepāja; the other two lakes -- Tāšu and Durbes -- are located 7 and 11 miles northeast of the city, respectively. The Bārta River originates in Lithuania, flows through Skuodas, passes about 3 miles south of the complex area and empties into Lake Liepāja. The Vartāja River flows from the north near Durbe village to the Bārta River about 2-1/2 miles east of Bārta village. Both rivers are used for logging operations, but neither supports any other type of economic activity.

The forest cover of pine interspersed with patches of birch, linden, and fir is thickest in the immediate vicinity of the launch complex. Dense woods extend from 2 to 4 miles in all directions and are interrupted only by small marshes and a few scattered settlements. To the north and east the woods thin out considerably, diminishing to isolated patches averaging about 2 square miles in area. Large unforested areas are located 2 miles southeast and 7 miles southwest of the complex. On the southeast, the village of Bārta is located at the margin of an agricultural area that extends southward beyond the Lithuanian

border. Along the coast to the southwest, a line of marshes lies between Nica and the pre-Baltic sand dunes and stretches from Lake Liepāja to Lake Mēķes.

In the launch-complex area the density of settlement varies directly with the amount of agricultural activity except at the city of Liepāja. Most settlements are located north of the Liepāja-Priekule railroad and east of the Vartāja River. Ribbons of settlement also follow the Baltic shore from Liepāja to Jūrmalciems and the eastern shore of Lake Liepāja to Nīca, and a band of villages extends southeastward from Bārta into Lithuania.

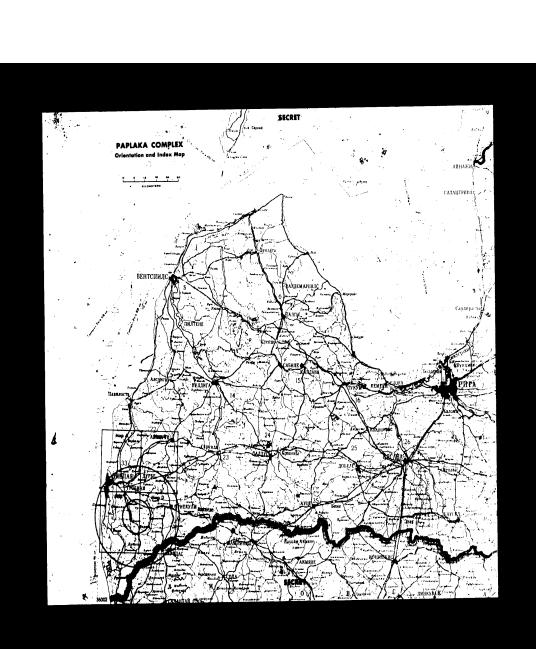
Economic activity in the launch-complex area is concentrated in Liepāja, where several large industrial and military establishments are located. Among Liepāja's major industries are sheet-steel rolling, machine building, sugar refining (now using Cuban sugar), linoleum manufacturing, woodworking, and food processing. The Liepāja military complex includes (1) a large naval base and shipyard serving the Baltic Fleet, which provides logistic support, administration, and repair to submarines and surface vessels up to the size of cruisers; (2) a fighter airbase and sector control center of the Baltic Air Defense District; (3) one of the large army barracks and munitions storage areas of the Baltic Military District.

Surrounding Liepäja the predominant economic activities are truck farming, fruit growing, forestry, fishing, and dairying. A few villages have manufacturing or mining enterprises of local importance such as a new brick factory in Priekule, a dojomite quarry at Karsede, and a peat-processing enterprise near Barta. Of these three, the brick factory is the only one that does not seem to be oriented primarily toward the economy of Liepäja.

Liepāja is also the transportation center of the launch-complex area. Bardsurface roads run from Liepāja south to Klaipēda through Rusava, east to Priekule, north to Mezde, and northeast through Grobina to Durbe. All-weather gravel roads extend northeast from Durbe to Aizpute and south from Grobina to Bārta. Gravel roads also lead from Priekule to Skuodas and from Paplaka to the Barta River. Other roads in the area are mostly corduroy or unimproved roads, a few of which are relatively well poveled within the target area.

Three main broad-gauge railroad lines lead out of Liepāja. The LiepājaJelgava-Riga line rums through Durbe Station, east to Skrumda, and on to Jelgava
and Riga. The Liepāja-Ventspils line rums north through Pāvilosta. To the
southeast, a main line leads to Kaunas and Vilnius by way of Priekule, and a
branch leads from Priekule to Klaipėda. Narrow-gauge lines rum south from
Liepāja through Bārta Station to near Klaipėda and north from Liepāja to Aizpute.

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# III. List of Annotations to Military, Economic, and Cultural Features Within a

# 25-Kilometer Radius

- A. Annotated References on AMS Sheet Number 3231 II, N752, Liepāja, 1:50,000. Reference numbers 1-30.
  - Main hard-surfaced roads. One road leads to Durbe and continues to Jelgava and Biga. It is paved or hard surfaced as far as Durbe. The second hard-surface road extends to Priekule. To the east of Priekule, the road is reportedly being improved further.

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- Local relay station on low-power wired radio network, relaying Moscow and Riga programs from main relay station at Liepāja.
   Location approximate.
- 4. Elementary school building; possible landmark reference.

#### 25X1C

- 6. Kapsēde Chapel; possible landmark reference.
- 7. Tourist attraction of geologic interest. Pinpointed areas contain cliffs and outcrops of Devonian rock strata and are cited as examples of the effects of wave erosion.
- 8. Tourist attraction; Kapsede Castle. Location approximate.
- 9. Stone windmill; possible landmark reference.
- 10. Mining and industrial activity; Kapsede dolomite quarries and processing area. Limestone from these quarries is transported to Lieraja for local construction projects.
- 11. Narrow-gauge reilway from Liepāja to Bārta and Parute. This line is listed in the 1961 Soviet passenger timetables only as far as Bārta Station; operational status beyond Bārta has not been confirmed.
- 12. Broad-gauge rail line from Liepāja to Paplaka and Priekule, and continuing to Kaunas and Vilnius in Lithuania.
- 13. Narrow-gauge rail line from Liepāja to Aizpute.
- 14. Rail spur leading from broad-gauge Liepāja-Priekule line into the administrative area for Liepāja/East Airfield.
- 15. Administrative and housing area for Liepāja/East Airfield. The local air defense sector headquarters may also be in this area.
- 16. Runway and ramp area of Liepaja/East Airfield.
- 17. Hard-surfaced two-lane road leads from Liepāja/East Airfield to building area at southwest corner of Grobina; may be an airfield housing site.

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- 18. Site of Grobina elementary school; possible landmark reference.
- 19. Grobina water mill and lake; possible landmark reference points for roads to Liepāja/East Airfield and to Bārta village and the launch-complex area.
- 20. Grobina railroad stations.
- 21. Tourist attraction; Grobina Evangelical Lutheran Church. The church was built in 1600 when the town of Grobina was near its peak as the political and economic center of the area.
- 22. Tourist attraction; Grobina Castle ruins. The castle was built in 1248 A.D. at the beginning of Grobina's rise as a political center.
- 23. Grobina Post and Telegraph Office.
- 24. Factory area. Prior to World War II this was the site of a brick factory. Activity probably continues on the site, but the current production is unknown.
- 25. Grobina includes the following establishments of local economic and political interest which are not located precisely on the map:
  - Feed-briquette plant. Fish-processing byproducts are reportedly converted into small briquettes used as animal feed.
  - b. Kolkhoz center of the Grobinskoye Zverohodchaskoye Khozyaystvo (Grobina Animal Raising Economy). This kolkhoz is reported to be a mink and fox farm and a primary user of the feed briquettes produced in 25a.
    - c. Grobina bakery.
    - d. Grobina House of Culture.
    - e. Site of Former Liepāja Machine Tractor Station; current use unknown.

# 25X1C

- 27. Broad-gauge single-track railroad. This is a main line from Liepāja to Durbe and on to Jelgava and Riga.
- 28. Tourist attraction; "Elku Ruins" of medieval castle. The ruins are located about 1-1/4 kilometers south of the main Liepāja-Priekule road.
- 29. Gavieze Evangelical Lutheran Church; possible landmark reference.

# 25X1C

- B. Annotated References on AMS Sheet Number 3331 III, N752, Aizpute, 1:50,000. Reference numbers 31-46.
  - 31. Narrow-gauge single-track railroad line from Liepāja to Aizpute.

32. Site of Līguti Horticultural School and Park. The school is no longer listed in Soviet publications on educational institutions and may no longer be in existence.

#### 25X1C

- 34. End of hard surface section of Leipāja-Durbe-Jelgava road.
- 35. Tourist attraction and possible landmark reference; Durbe Evangelical Lutheran Church, built in 1651.
- 36. Tourist attraction; Durbe Castle ruins. The castle, built in 1268 A.D., is noted as a medieval political center, and the area around it is the site of a battle fought in 1260 A.D. The battle is significant in local lore as one of the few in which the local inhabitants were victorious over the Germanic invaders.
- 37. Durbe village also contains an elementary school and possibly a secondary school which are not located precisely on the map.
- 38. Site of brickyards prior to World War II. Installation, if still in existence, is a possible landmark reference. Current status is unknown.
- 39. Tourist attraction. Ruins of castle "Turaidam" on land of "Zeids" kolkhoz. Location approximate.
- 40. Tourist attraction and landmark reference; Ilmāja Evangelical Lutheran Church, built in 1726.
- 41. Reported highway improvement.
- 42. Elementary school; landmark reference point.
- 43. Vidi water mill and lake; landmark references.
- 44. Site of brickyards prior to World War II. Current status is unknown.
- 45. Tourist attraction; Vartaja Castle Ruins.
- 46. Brick factory of pre-World War II days. Installation, if still in existence, is a possible landmark reference. Current status is unknown.
- C. Annotated References on AMS Sheet Number 3230 I, N752, NIca, 1:50,000. Reference numbers 47-92.
  - 47. Radio towers; 4 masts.

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- 48. Landmark and security control point. A stone observation tower about 15 meters (49 feet) tall is reportedly located at this point, it is reputed to have openings for light weapons.
- 49. Military secure area. An old fortress at this site is now reported to be used either for naval storage or ammunition.

- 50. Security control point for entry into and exit from Liepāja. This check point is continuously manned by border-guard personnel who are supposed to check all people entering Liepāja for entry permits. People leaving the city are spot checked only.
- 51. Reported roads; purpose unknown.
- 52. Possible tourist attraction; a general area of castle ruins, now located on a local kolkhoz.
- 53. Kolkhoz "Zelda Zvaigzne."
- 54. Landmark reference point. A shore marker bearing the word "BERNATI" is located here and reportedly is visible from 8 kilometers at sea.
- 55. Bernāti elementary school; landmark reference point.
- 56. Possible housing area for Bernāti Border Guard units.
- 57. Possible housing area for Bernāti Border Guard units.
- 58. Hard-surfaced two-lane road. Road is hard surfaced at least as far as Rusava and may be four lanes wide in the Liepāja area.
- 59. Tourist attraction; Bernāti beach resort area. This is reported to be a favorite recreation area of military personnel from Klaipėda and Liepāja.
- 60. Elementary school; possible landmark reference.
- 61. Possible site of kolkhoz "Bol'shevik" and the NIca village executive committee.

## 25X1C

- 63. Flag stop on Liepāja-Klaipēda bus route.
- 64. NIca Post Office.
- 65. Nica Manor and village center. The village area includes several stores, which are not precisely located on the map. Nica village also is the nominal center for the "Nica Ethnographic Ensemble," a folk singing choir of some renown in Latvia.
- 66. Nica elementary school.
- 67. Nica Church. The spire on this church was destroyed during World War II and has not been repaired.
- 68. Bridge on NIca-Grobina road; reportedly replaces bridge destroyed in World War II.
- 69. Stone windmill; landmark reference.
- 70. Pre-World War II brick factory.
- 71. Railroad bridge.

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- 72. Elementary school; possible landmark reference. Two buildings are located at this site.
- 73. Reilroad loading area, reportedly for use of peat processing activity nearby.
- 74. Peat cutting and processing area.
- 75. New railroad bridge. The original bridge was destroyed during World War II, and the railroad across it was reportedly abandoned. Present operational status of the railroad is unknown.
- 76. Bārta Railroad Station. According to the Soviet 1961 passenger timetables, this is the terminus of the narrow-gauge railroad to Liepāja and Aizpute.
- 77. Narrow gauge railroad to Šventoji; operational status south of the peat cutting area near Barta is unknown.
- 78. Peat cutting area.
- 79. Reported MRBM launch site of "in-line" configuration. The building areas are reported to be physically secure.
- 80. Reported MRBM launch site of "in-line" configuration. The building areas are reported to be physically secure.
- 81. Trails leading to reported MRBM launch site. The building areas are reported to be physically secure and to be associated with the launch site.
- 82. Reportedly secure building areas.
- 83. Possible powerplant or brick factory. Extent or exact nature of activity at this site is unknown.
- 84. Stone windmill; landmark reference.
- 85. Bārta village.
- 86. Stone windmill; landmark reference.
- 87. Bārta school; landmark reference.
- 88. Bārta Church.
- 89. Possible landmark reference. A brickyard with a large chimney was located here prior to World War II; the chimney, or part of it, is reported to still be standing.

25X1D

- 90. Sungali village.
- 92. Dairy farm.

- D. Annotated References on AMS Map Sheet 3330 IV, N752, <u>Priekule</u>, 1:50,000. Reference numbers 93-138.
  - 93. Stone or concrete bridge on main Liepāja-Priekule road; landmark reference.
  - 94. Virga Evangelical Lutheran Church; possible Landmark reference.

25X1C

- 96. Pre-World War II brickyard; no activity has been reported since World War II.
- 97. Broad-gauge single-track railroad line running from Liepāja to Priekule and on to Vilnius, Lithuania.
- 98. Housing and training area of unidentified tank unit.
- 99. Virga elementary school; possible landmark reference.
- 100. Hospital, married officers housing, and bakery area for units of a motorized infantry division stationed in Paplaka and Priekule. The hospital is used only for minor ailments of personnel in the Paplaka-Priekule area. Serious cases are sent to the Liepāja Naval Base Hospital for treatment.

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25X1C

- 102. Paplaka military garrison area.
- 103. Tourist attraction; ruins of Paplaka Castle. Location approximate.
- 104. Pre-World War II brick yard with large chimney; possible landmark reference. Current status is unknown.
- 105. Broad-gauge single-track railroad running from Priekule to Klaipėda, a branch of main Liepāja-Vilnius rail line.
- 106. Factory site; possibly the Priekule butter factory.
- 107. Water mill and lake; orientation point in Priekule area.
- 108. Priekule Church; possible landmark reference with water mill.
- 109. Site of abandoned peat cuttings and ismantled narrow-gauge railroad.
- 110. Priekule House of Culture.
- 111. Priekule Post Office and Railroad Station. These buildings are about 200 meters (650 feet) apart, with the Post Office west of the station. Mail, common supplies, and ammunition for the Priekule military garrison are handled through these points.
- 112. Tourist attraction; Priekule Castle with "Swedish Gates." One notable incident in the history of this castle was an attempted flight on home-made wings by a local blacksmith in 1670. Note the cemetery at the bottom of the hill.

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- 113. Site of factory probably destroyed in World War II. The area is still active. It may have been the site of the former Priekule Motor Tractor Station (MTS) and may now be used as the practical training area for the Priekule Agricultural-Mechanical Training School.
- 114. Possible site of Priekule Agricultural-Mechanical Training School.
- 115. Narrow-gauge railroad indicated on base map; reportedly dismantled.
- 116. Priekule town contains the following activities not pinpointed on the map:
  - a. Raypromkom (Rayon Industrial Combine).

25X1C

- c. Civilian hospital, reported to contain 300 beds.
- d. Tourist attraction; "Women's Ethnographic Ensemble imeni Zhdanov."
  This is a female chorus of pome renown in Latvia.
- e. The Priekule area is also of archeological interest. Weapons and coins dating back to 1100 B.C. have been found in the area.
- 117. Probable site of new brick factory with a planned capacity of 2 million bricks annually.
- 118. Reported revetted training sites for unidentified AAA unit stationed at Priekule.
- 119. Reported construction to enlarge Priekule military garrison area.

25X1C

- 122. Chapel and cemetery; landmark references.
- 123. Main road from Priekule to Lithuanian border and beyond. This road has an improved gravel surface.
- 124. Krutes elementary school; landmark reference.
- 125. Tourist attraction; Krutes Evangelical Lutheran Church. The church, built in 1872, was a scheduled pre-World War II tourist stop because of its pulpit of Baroque style.
- 126. Kalēti brewery.
- 127. Kalēti elementary school; landmark reference. •
- 128. Tourist attraction; castle ruins and chapel. Location approximate.
- 129. Pre-World War II Gramzda brick factory; current operational status unknown.

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- 130. Site of water mill by small dam and reservoir; landmark references.
- 131. Pre-World War II brick factory; current operational status unknown.
- 132. Skuodas water mill; landmark reference.
- 133. Skuodas Post and Telegraph Office.
- 134. Skuodas churches; landmark references.
- 135. The town of Skuodas also contains the following items which are not located precisely on the map:
  - a. Dairy.
  - b. Library.
  - c. House of Culture.
  - d. Motion picture theater.
- 136. Gramzda elementary school; one of several buildings on the northwest side of the crossroads.
- 137. Gramzda Evangelical Lutheran Church; landmark reference.

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- E. Annotated References on City Plan of Liepāja, 1:12,500, 1962. Reference numbers 1-144.
  - Coastal defense area (C-10 to E-14);\* along Sarkanarmijas iela in Kara-Osta. Includes coastal artillery stations, concrete bunkers, munitions storage, numerous barracks, related buildings, and radar station. Served by rail and road.
  - 2. Barracks and Ammunition Depot, North PUG (D-10 to D-13); in Kara-Osta district. One of the major Soviet ammunition storage areas in Baltic Military District. Installation comprises 8 masonry barracks, 3 administration buildings, 2 warehouses,

    41 ammunition-storage buildings, and 10 related masonry buildings. Served by rail and road.

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- 3. Seaplane station (C-9); west of Sarkanarmijas iela north of Naval Harbor Canal. Installation consists of 1 concrete ramp 240 feet long and 60 feet wide, 3 steel-frame workshops, 1 masonry administrative building, 1 jetty, and, reportedly, radio facilities. Served by road.
- 4. Probable naval radio station (C-9); west of Sarkanarmijas iela north of Naval Harbor Canal.
- 5. Naval base sports stadium (D-10); at north end of Cesu Rotas iela in Kara-Osta.
- 6. Central club of the Liepāja Naval Base -- Klub Libavskoy Voyenno-Morskoy Bazy -- (D-10); at north end of Imantas iela in Kara-Osta. Club housed in former Naval Harbor Cathedral, an outstanding landmark.
- 7. Army Barracks, North (C-9, 10; D-9, 10); at northwest end of iela in Lācpleša Kara-Osta. Installation houses a portion of the Liepāja Army Garrison and personnel assigned to the Liepāja Naval Base and Shipyard. Facilities consist of a number of permanent multistory brick barracks, residential billets for commissioned personnel, and many utility buildings. Estimated billeting capacity is 3,500. Served by road and rail.
- 8. Army barracks (E-10); north of Naval Base in Kara-Osta. Consists of about 6 two-story stucco buildings.
- 9. Naval barracks (E-10); north of Naval Base in Kara-Osta. Consists of 7 two-story buildings.
- 10. Naval Base and Naval Shipyard No. 29 (D-8 to F-10); along northeast end of Naval Harbor Canal. Installation does major repairs to naval and merchant vessels and manufactures boilers, life rafts, and cylindrical floating oil tanks. It includes 30 masonry barracks, 33 wood-frame storage buildings, 1 boiler- and ship-building shop of wood construction, 1 masonry foundry, 3 workshops of wood construction, 1 masonry machine-shop, 1 masonry powerplant, 1 engine repair and assembly shop, 1 torpedo storage building, 25 utility buildings of wood construction, 2 graving docks, 2 floating dry docks, 8 T-shaped pi@s, and 8,500 feet of quayage. Ground area is 15,000,000 square feet. About 2,000 workers are employed in installation. Served by rail and road. For further information see Port Intelligence Study: Liepāja, Latvia, ONI Port Series 45-206,

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<sup>\*</sup> Information in parenthesis gives location by grid reference on City Plan of Liepāja.

- 11. Ammunition Depot, Kara-Osta, PUG (G-10); northeast of Naval Shipyard No. 29. Installation stores small arms, heavy weapons, and artillery ammunition for use of local army units. Facilities consist of 7 brick warehouses and 30 partially buried storage bunkers. Served by road.
- 12. Fortification area (G-10; H-10); at southern end of Tosmares Ezers. Installation provides quarters for troops and possible storage for munitions and small arms. Facilities consist of 5 buildings, possibly barracks or for storage, and 5 antiaircraft artillery emplacements, which may not be in use. Served by road.
- 13. Sugar refinery (F-9); at intersection of GrIzupes and Chukura ielas at northeastern end of Naval Harbor Canal. This is the largest installation of its kind in the Baltic Republics and produces granulated and lump sugar from sugar beets and molasses. Pulp residue used locally for fertilizer and livestock fodder. Beets transported to plant by road and rail.

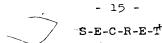
# 25X1B

- 15. Fortification area (H-8, 9); in eastern part of Tosmares Priekšpilsētā. Installation possibly provides storage of munitions and small arms. Facilities include 1 administration-type building, 2 probable storage buildings, and 7 unused antiaircraft or machine gun emplacements. Served by road.
- 16. Coastal Artillery Station, South (C-8, 9); west of Sarkanarmijas iela and south of Naval Harbor Canal. Installation consists of 4 huts of wood construction, about 10 coastal artillery emplacements, a reported ammunition dump, and radar equipment. Served by road and water.
- 17. Military barracks area (C-8; D-8); bounded by Sarkanarmijas iela, Sķēdes iela, and Piltenes iela. Installation consists of about 20 barracks
- 18. Possible location of ammunition dump (E-8); located south of Naval Harbor Canal at north end of Ventspils iela; provides open storage in forested area. Served by road and rail.
- 19. Naval Harbor POL storage (F-8); between eastern end of Naval Harbor Canal and Pulvera iela. Facilities consist of 6 tanks (2 underground), pumping station, and oil bunkering pier; covers a ground area of 1,120,000 square feet. Served by road, rail, and water. Secured by multiple fencing.
- 20. Fortification area (H-7, 8); south of Grobinas Šoseja along old city moat. Installation probably provides storage for small arms and ammunition. Facilities consist of 1 administration building, 3 storage buildings, and 2 large concrete antiaircraft emplacements.
- 21. Vegetable oil refinery (C-6, 7); at intersection of Sliežu and Sarkanarmijas ielas northeast of Winter Harbor. Produces vegetable oil from sunflower seed, soybeans, and linseed; had approximately 200 employees in 1952. Served by road and rail.
- 22. Possible location of machine construction plant (C-6, 7; D-6, 7); at intersection of Sarkanarmijas and Emigrantu ielas northeast of Winter Harbor. Produces metallurgical and mining equipment.

- 23. POL storage area (C-6; D-6); at intersection of Sarkanarmijas and Emigrantu ielas northeast of Winter Harbor. Installation contains 2 large tanks and is secured by fence.
- 24. Soviet Navy drill field (D-6, 7); north of Emigrantu iela.
- 25. Central Naval School (D-7); at intersection of Emigrantu iela and Krūmu iela. Includes 12 permanent multistory barracks and 4 miscellaneous buildings.
- 26. Naval radio-operator training school (D-6); south of Emigrantu iela near Krūmu iela.
- 27. Railroad Station and Yards, North (D-6 to F-8); in northern part of Jaun-Liepāja. Installation consists of 2 classification yards -- one 3,000 feet long and 300 feet wide (16 tracks) at widest point and the other 3,300 feet long and 250 feet wide (9 tracks) at widest point. Facilities also include passenger station, reception and holding sidings, and a turning "Y".
- 28. Agricultural Machine Building Plant "Lipajaselmash," formerly Railroad Locomotive and Car Repair Plant, "Tosmare" (E-7); 103 Brīvības iela. Plant produces semimounted reapers and binders, RU-0.6 Universal Frames for tractor mounting, PUT-0.8 Universal Loaders, fodder cutters, meat cutters, and fruit juicers. Plant facilities include 2 wood-and-metal-clad locomotive repair shops, 1 metal-clad repair shop, 1 wood and masonry foundry, 1 machine shop of wood construction, 1 masonry administrative building, 3 storage buildings, and 10 related buildings of wood construction. Ground area is 1,200,000 square feet. Served by road and rail.

25X1B

- 30. Power transformer station (E-7); located in northeastern Jaun-Liepāja north of Grobiņas Šoseja. Installation consists of a 2-story brick control station, a 1-story concrete transformer building, and a large transformer yard secured by wire-mesh fence. Reportedly 25 KV overhead lines conduct current to the station which supplies electricity to the Naval Shipyard and the "Krasnyy Metallurg" Steel Plant, and also meets some of the power needs of the city.
- 31. Commercial port facilities (B-7 to D-5); along Earbor Canal. Area comprises 29 wood and masonry warehouses, 1 wood ship-repair building with 7 parallel slipways, 15 related buildings of wood construction, 5 masonry administrative buildings, an open storage area, 1 ship basin, and 20,000 feet of quayage. Ground area is approximately 4,000,000 square feet. Served by rail, road, and water.
- 32. Military supply depot (C-6); at west end of Kaiju iela near Winter Harbor. Area contains 2 masonry warehouses, 5 storage buildings of wood construction, and 3 related buildings. Ground area is 320,000 square feet. Served by rail, road, and water.
- 33. Municipal petroleum storage area (C-6); bounded by Kaiju iela, Baseina iela, and Atslëdznieku ielas in Jaun-Liepāja. Installation consists of 7 tanks and a distribution station for the city. Area secured by fence and served by road and rail.
- 34. Infantry billets (C-6); south of Baseina iela between Kuršu and Atslēdznieku ielas in Jaun-Liepāja.



25X1D

- 35. Linoleum-cork plant (C-6); 9 Kuršu iela. A plant of national importance that produces linoleum and cork-linoleum for distribution throughout the USSR. Also reportedly produces plastic incendiary-bomb cases (1952). Had approximately 350 employees in mid-1953. Installation consists of approximately 12 buildings (2 of brick administration-type construction), 8 storage tanks, and a transformer station. Guarded plant area is approximately 400 meters by 100 meters in size and is secured by a brick fence
- 36. Municipal thermal electric power plant (C-6); at south end of Kuršu iela west of cemetery in Jaun-Liepāja. Plant is coal operated, with estimated installed capacity of 31,000 kw. Facilities consist of boilerhouse, generator hall, coal storage yard, and 3 miscellaneous buildings. Served by rail.
- 37. Flour warehouses (D-5); near intersection of Kaiju and Rigas ielas in Jaun-Liepāja. Served by road and rail.
- 38. Closed Baptist church (D-6); at intersection of Raina and Lāču ielas in Jaun-Liepāja.
- Militia station and registration office (D-6); on northwest side of T. Breikša iela between Tirgus and Derlbas ielas in Jaun-Liepāja.
- 40. Jaun-Liepāja Market (D-6); bounded by T. Breikša, Derības, Tirgus, and Jelgavas ielas in Jaun-Liepāja.
- 41. Civilian bakery (D-6); at northwest corner of intersection of Baseina and Rigas iela in Jaun-Liepāja.
- 42. Pedogogical institute (D-6); 9 Baseina iela. Provides instruction in child psychology and teaching of foreign languages in elementary school.
- 43. Prison (D-7); east of railroad passenger station on Emilijas iela in Jaun-Liepāja; three-story brick building.
- 44. Transformer station (D-6); on north side of Baseina iela near Rigas iela in Jaun-Liepāja.
- 45. Baptist church (D-6); in southeast corner of intersection of Baseina and Rigas iela.
- 46. Streetcar depot (D-6); at intersection of Baseina and Jelgavas ielas in Jaun-Liepāja.
- 47. School (D-6); on north side of 1905 Gada iela near Rigas iela in Jaun-Liepāja.
- 48. Fire station (D-6); at intersection of Rigas and Jelgavas ielas in Jaun-Liepāja.
- 49. "GOSMORLOV" mechanical workshop (D-6); on east side of Rigas iela near Tirgus iela in Jaun-Liepāja.
- 50. Army flour mill (D-6); on southwest corner of Brīvības and Tirgus ielas in Jaun-Liepāja.
- 51. "GOSMORLOV" fishingboat engine repair shop (D-6); on southeast corner of Rigas and Spartaka ielas.

- 52a. Meat combine (D-5); on west side of Kolchoznieku iela near the Harbor Canal in Jaun-Liepāja; produces tinned meat; had approximately 100 employees in 1953.
- 52b. Dairy combine (D-5); east of Rigas iela near Harbor Canal in Jaun-Liepāja. Processes mirk and produces butter, cheese, condensed milk, and ice cream; had about 90 employees in 1953. Served by road and rail.
- 53. Steel Plant "Krasnyy Metallurg" or "Sarkanis Metalurgs" (D-6, 7; E-6, 7); 95 Brīvības iela. In this plant of national importance, scrap iron collected from all the Baltic Republics is processed into rolled steel, wire, galvanized sheets, nails, tools, and agricultural wire fence. Installation consists of open-hearth building, rolling mill, 2 administration buildings, 3 fabrication buildings, 7 miscellaneous buildings, a thermal powerplant, and open storage areas. Ground area is 1,500,000 square feet. Served by rail and road.
- 54. Army bakery (E-6); on south side of Brīvības iela between Miltu and Fabrīkas ielas. Served by road.
- 55. Railroad Station and Yards, South (D-5 to E-7); in eastern part of Jaun-Liepāja. Instaliation consists of 2 storage yards -- one 3,000 feet long and 200 feet wide, with 12 tracks at widest point; the other 1,800 feet long and 100 feet wide, with 7 tracks at widest point -- 1 masonry freight terminal, 7 warehouses, and 4 miscellaneous buildings.
- 56. Possible Match Factory "Vulkans" (E-6, 7); on south side of Grobinas Šoseja east of Kolchoznieku iela. Served by rail and road.
- 57. Liepāja East Airfield (E-5 to K-6); approximately 1 mile northeast of northern part of Liepājas ezers. Installation is important jet fighter base that consists of (a) parking and texiway areas, (b) shop and storage area, (c) administration and barracks area, and (d) FOL storage area. Facilities include 1 ENE-WSW concrete runway 6,600 feet long by 200 feet wide (with 500-foot graded earth overrum at WSW end), 1 parallel taxiway, 3 link taxiways, 2 alert aprons, 1 metal-clad hargar, about 20 barracks; 1 wood control tower, 3 workshops of wood construction; 1 masonry administration building, 35 related wood buildings, 1 motor vehicle area and maintenance shop of wood construction, 3 semi-underground fuel storage tanks, and, reportedly, radio and radar facilities and antiaircraft defense positions. Area secured by fence and served by road and rail.
- 58. Probable location of fish combine (B-6; C-6); south of Winter Harbor in Vec-Liepāja. Produces canned fish, with fish oil and meal as byproducts. Installation includes 6 buildings and wharves for fishing fleet. Employees numbered approximately 150 in 1953. Area is secured from remainder of city by fence or masonry wall and is guarded. Served by road and water.
- 59. Naval ammunition storage area (B-6 to C-5); in northwestern part of Vec-Liepāja. Installation consists of approximately 28 interiocking concrete bunkers used for storage of munitions. Served by road.
- 60. Daugava Stadium (C-5); east of 15 Maija Prospekts in northwestern part of Vec-Liepāja. Used as stadium and bicycle racing track in 1953.

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- 61. Border Guard billets for enlisted men (C-5); at northwest corner of Laivinieku and Kaktu ielas in Vec-Liepāja.
- 62. Border Guard billets for officers (C-5); located at northwest corner of Loču and Kaktu ielas in Vec-Liepāja.
- 63. Antiaircraft gun emplacements (B, C-5); between the west end of Padomju Prospekt and the beach in Vec-Liepāja.
- 64. Military barracks (C-5); on north side of Padomju Prospekt in Vec-Liepāja.
- 65. Building used by military personnel (C-5); 16 Uzvaras iela, between Sporta iela and Padomju Prospekt in Vec-Liepāja.
- 66. Tuberculosis dispensary (C-5); on north side of Padomju Prospekt between Cepļu and Zvaigznes ielas in Vec-Liepāja.
- 67. DOSAV building (C-5); on northeast side of Zvaigznes iela north of Padomju Prospekt in Vec-Liepāja.
- 68. Radio communication station (C-5); occupies block bounded by Zviedru, Krusta, K. Marksa and Loču ielas in Vec-Liepāja.
- 69. Soviet naval port administration headquarters and/or naval police building (C-5); on southwest side of K. Marksa iela between Loču iela and Padomju Prospekt.
- 70. Liepāja Rayon Executive Committee (RAYISPOLKOM) building (C-5); on north side of Padomju Prospekt between Zvaigznes and K. Marksa ielas. This organization also occupies offices at Annotation No. 78.
- 71. DOSAAF building, including DOSAV, DOSARM, and DOSFLOT offices (C-5); on northeast corner of K. Marksa and Juras ielas in Vec-Liepāja.
- 72. Military barracks (C-5); on south side of Padomju Prospekt near Vittes iela in Vec-Liepāja. Consists of 2 buildings.
- 73. Border Guard Command (Komandantura) office and local headquarters (C-5); on south side of Padomju Prospekt between Uzvaras and Elkoņu ielas in Vec-Liepāja.
- 74. Military Commissariat (Voenkomat) Building (C-5); on south side of Padomju Prospekt between Elkoņu and Toma ielas in Vec-Liepāja. Two-story stone building.
- 75. Border Guard headquarters (C-5); on south side of Padomju Prospekt between Toma and Zvaigznes ielas in Vec-Liepāja.
- 76. Secondary school (C-5); on north side of Republikas iela between Toma and Tiesas ielas in Vec-Liepāja.
- 77. People's Court of Justice (C-5); 14 Republikas iela between Tiesas and Gimnazijas ielas in Vec-Liepāja.
- 78. Movie Theater "Sarkanā Bāka" (C-5); on east side of K. Marksa between Dīķa and Marijas ielas in Vec-Liepāja. Occupies north part of fourstory building; some of RAYISPOLKOM offices over movie theater.

- 79. Naval Commandant's office (C-5); on west side K. Marksa iela between Padomju Prospekt and Vitolu iela.
- 80. Movie Theater "Uzvara" (D-5); on west side of K. Marksa iela between Padomju Prospekt and Vitolu iela in Vec-Liepāja. Registrar's office located on second floor of theater.
- 81. Restaurant "Vecias Dirbergs" (C, D-5); on Valdemāra iela between Vitolu and Republikas ielas in Vec-Liepāja.
- 82. Technical secondary school (C-5; D-5); Republikas 7/9 in Vec-Liepāja. Site may be location of medical school (uchilishche).
- 83. Department store (D-5); at southeast corner of K. Marksa and Valdemāra ielas in Vec-Liepāja.
- 84. Telephone exchange (D-5); at northwest corner of Marijas and Jekapa ielas in Vec-Liepāja.
- 85. Bus passenger station (D-5); at corner of Marijas, Jekapa and Pasta ielas in Vec-Liepāja.
- 86. Post office (D-5); at northeast corner of Jekapa and Marijas ielas in Vec-Liepāja.

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- 87. Housing Administration building (D-5); at southwest corner of Marijas and Lielā ielas in Vec-Liepāja.
- 88. Cafe "Kaija" (D-5); at northwest side of Tirgoņu near Radio iela in Vec-Liepāja.
- 89. Holy Trinity Church (D-5); at northeast corner of Stendera and Lielā ielas in Vec-Liepāja.
- 90. Bank (D-5); in south corner of Tirgonu and Stendera ielas in Vec-Liepāja; building where utility bills are paid.
- 91. Restaurant "Jura" (D-5); in block bounded by Jana, Teatra, Liela, and Skolas ielas in Vec-Liepaja.
- 92. State Drama Theater (D-5); at southwest corner of Teatra and Skolas ielas in Vec-Liepäja.
- 93. State Bank (Gosbank) (D-5); at northwest corner of Skolas and Komunalā ielas in Vec-Liepāja.
- 94. Bus maintenance building and Auto Repair Base No. 4 (D-5); south of Harbor Canal between Skolas and 17 Junija ielas in Vec-Liepāja.
- 95. Footwear Factory "Liepājas Apavi" (D-5); at northeast corner of Jaunā and 17 Junija ielas in Vec-Liepāja. Plant produces leather shoes and sandals for children and rubber footwear; had about 300 workers in 1952. Served by rail and road.
- 96. Sawmill (D-5; E-5); west of Suvorova iela in northeastern Vec-Liepāja.
- 97. Municipal gas works (E-5); on southwest corner of Suvorova and Veca Ostmalas ielas in northeastern Vec-Liepāja.

- 98. Barrel factory (E-5); on east side of Suvorova iela north of Jaunā iela in Vec-Liepāja.
- 99. Match Factory "Baltija" (E-5); occupies entire block west of Feniksa iela in Vec-Liepāja; produces matches for domestic and foreign trade. Served by road and rail.
- 100. Leather plant (E-5); at northeast corner of Feniksa and Adu ielas in Vec-Liepāja. Served by road and rail.
- 101. Sawmill (E-5); in extreme northeastern part of Vec-Liepāja. Log supply is kept in western part of Liepājas Ezers near sawmill. Served by road and rail.
- 102. Possible military troop billets (E-5); at southeast corner of Jaunā and Alandas ielas in Vec-Liepāja.
- 103. Municipal park (C-4, 5); along western part of Vec-Liepāja near coast. Park separated from city by wooden fence topped by barbed wire; open to public during daytime only.
- 104. Movie theater (C-5); on north side of Komjaunatnes iela between Vittes and Hika ielas in Vec-Liepāja.
- 105. Liepāja Rayon militia station (C-5); on southwest corner of Republikas and Toma ielas in Vec-Liepāja.
- 106. Possible location of MVD Headquarters and prison (C-4); 7 K. Barona iela. Housed in three-story white building.
- 107. City Executive Committee (GORISPOLKOM) building (C-4); on Rožu iela between Alejas and K. Valdemāra ielas in Vec-Liepāja.
- 108. Municipal fire station (D-5); at southeast corner of Avotu and Brivzemnieka ielas in Vec-Liepāja.
- 109. Food store (D-4); south side of Komjaunatnes iela east of Avangarda iela in Vec-Liepāja. Large three-story building.
- 110. Catholic church (D-4); in block bound by K. Valdemāra, Skrīveņu, Kuršu, and Rožu ielas in Vec-Liepāja.
- 111. Movie Theater "Daile" (D-4); second building from corner of Rožu iela on east side of Alejas iela in Vec-Liepāja.
- 112. Militia headquarters and MVD motor vehicle inspection office (D-4); 7 Skrīveru iela in Vec-Liepāja.
- 113. Bazaar (D-4); on west corner of SkrIveru and Komjaunatnes ielas in Vec-Liepāja.
- 114. Bus station (D-4); on east side of Siena iela near Ramavas iela in Vec-Liepāja. Waiting room and ticket office in apartment building.
- 115. St. Anne's Baptist Church (D-4); on northeast corner of Siena and Ramavas ielas in Vec-Liepāja. Two-story stone building.
- ll6. Militia station and registration office for residents of Vec-Liepāja (D-4); on southeast corner Ramavas and Pļavu ielas in Vec-Liepāja.

- 117. Officers' Club and Theater of the Baltic Fleet (D-5); on south side of Pumpura iela between Zivju and Stendera ielas in Vec-Liepāja.
- 118. Hotel (D-5); at north corner of Zivju and Stendera ielas in Vec-Liepāja.
- 119. Border Guard barracks and inductee reception center (D-5); on east side of Stendera iela between Sudmala and Pumpura ielas in Vec-Liepāja. Occupies a one and one-half story green building that formerly was a Baptist church.
- 120. Children's store (D-5); in northeast corner of Stendera and I. Sudmala ielas in Vec-Liepāja.
- 121. Communication troop barracks (D-5); at southeast corner of Apšu and Dārzu ielas in Vec-Liepāja.
- 122. Children's home (D-5); at northeast corner of I. Sudmala and Apšu ielas in Vec-Liepāja.
- 123. Inductee reception center (D-4); on northeast corner of 17 Junija and Zāļu ielas in Vec-Liepāja. Two-story building with shop on lower floor and military unit on second floor.
- 124. Prison and barracks area. 14 Dārzu iela in Vec-Liepāja (D-5).
- 125. Housing Administration building (D-4); on south side of Pupu iela between Apšu and Bērzu ielas in Vec-Liepāja.
- 126. City hospital (C-4); on west side of Liepu iela at west end of Dartas iela in Vec-Liepāja. Accommodates approximately 1,200 patients. Consists of 4 multistory buildings.
- 127. Coastal artillery emplacements (C-2, 3); along coast between Perkones and Saldus ielas in Dienvidu Priekšpilsētā.
- 128. Stockyard and slaughterhouse (D-3, 4; E-3, 4); on east side of Dzerves iela near Salmu iela in Vec-Liepāja.
- 129. Fortification area (CD-1); at west end of Ferkones Upe. Installation possibly contains munitions bunkers for storage of small arms and ammunition. Served by road.
- 130. Road check points.
- 131. Periodic road check points.

The following list includes targets which could not be pinpointed on the city plan:

- 132. Music school (uchilishche). 11/13 Ausekla iela. Provides instruction in piano; voice; folk, stringed, wind, and percussion instruments; and choral direction (1958).
- 133. School (uchilishche) of applied arts. 18 Alejas iela. Provides instruction in weaving and sculpture of wood, bone, and stone.
- 134. Evening industrial technicum. 4 Valdemāra iela. Provides instruction in electrical wiring of industrial enterprises and metal milling (1958).

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- 135. Nautical school (uchilishche). 5 Uzvaras iela. Provides instruction in marine navigation and ship power plants.
- 136. Branch of Special Technical Bureau. Conducts research on submarine fuels, torpedo turbines, mine detection equipment, and radar (sonar) wave absorbers (1952).
- 137. New shippard. Tentative completion date was 1961. Planned construction includes refrigeration ships up to 3,000 TDW, Arctic freighters up to 6,000 TDW, and icebreakers between 800 and 2,600 GRT.
- 138. Silicate brick factory. Installation was engaged in production of bricks in 1959.
- 139. Concrete plant. Located in outskirts of Liepāja. Produces reinforced concrete; plant probably completed by 1957.
- 140. Industrial combine. 10 Avotu iela. Supervises various artels, including sewing artels and radio repair shops.
- 141. Glass factory; produces window glass; one-story stone building.
- 142. Public bath. Berzu iela.
- 143. Dental polyclinic. 7 Tirgonu iela (1953 information).
- 144. Municipal polyclinic. 5 Republikas iela.

# IV. Places Within 25 Kilometers of the Complex\*

AIZFUTES STACIJA AIANDA ANDERI SEE AUDERA APUOLE AFUOLES SEE APUOLE	RSTA POPL POPL POPL POPL	56 31 N 56 31 N 56 29 N 56 15 N 56 15 N	21 01 E 21 07 E 21 40 E 21 40 E 21 40 E
ASITE AUCUGALS AUDARA SEE AUDERA AUDARE SEE AUDERA AUDERA	POPL POPL POPL POPL	56 28 N 56 28 N 56 29 N 56 29 N 56 29 N	21 40 E 21 01 E 21 40 E 21 40 E 21 40 E
AUTSUGALS SEE AUCUGALS BAGA-ASITE SEE ASITE BARTA BARTA, STACIJA BARTAS MUIZA SEE BARTA	POPL POPL RSTA POPL	56 28 N 56 28 N 56 21 N 56 23 N 56 21 N	21 01 E 21 40 E 21 19 E 21 15 E 21 19 E
BERENATI SEE BERNATI BERNATE SEE BERNATI BERNATEN SEE BERNATI BERNATI BUNKA	POPL POPL POPL POPL	56 23 N 56 23 N 56 23 N 56 23 N 56 31 N	20 59 E 20 59 E 20 59 E 20 59 E 21 30 E
BUNKAS CENKONES SEE CENKONI CENKONI CEFLENIEKI CEFLENIEKS SEE CEPLENIEKI	FOPL POPL POPL POPL	56 35 N 56 27 N 56 27 N 56 15 N 56 15 N	21 28 E 21 01 E 21 00 E 21 00 E
DALGI DAMBENIEKS DIKMALI DISIANI SEE LANI DIZ-GPAMZDA	POPL POPL POPL POPL	56 27 N 56 17 N 56 32 N 56 37 N 56 22 N	21 31 E 21 13 E 21 17 E 21 30 E 21 37 E
DIZHIANY SEE LANI DIZIANU MUIZA SEE LANI DROGA SEE MAZDROGAS DUBENI DUBENU CIEMS SEE DUBENI	POPL POPL POPL POPL	56 37 N 56 36 N	21 30 E 21 30 E 21 39 E 21 11 E 21 11 E
DUNIKA DURBE DURBEN SEE DURBE DUVENI SEE DUBENI GAVIEZE	POPL POPL POPL POPL	56 35 N 56 35 N 56 28 N	21 20 E 21 21 E 21 21 E 21 11 E 21 15 E
GAVIEZE, STACIJA GAVIEZES SEE GAVIEZE GAVIEZES MUIZA SEE GAVIEZE GAVIEZNE, STACIJA SEE GAVIEZE, STACIJA GAVIYEZE SEE GAVIEZE	RSTA POPL POPL RSTA POPL	56 28 N 56 30 N 56 30 N 56 28 N 56 30 N	21 16 E 21 15 E 21 15 E 21 16 E 21 15 E

<sup>\*</sup> Extracted from the files for NIS GAZETTEER: USSR.

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GAVIYEZE SEE GAVIEZE, STACIJA GEDERTI GELZI SEE MAZILMAJA GEROBIN SEE GROBINA GRAMZDAS SEE DIZ-GRAMZDA	RSTA	56 28 N	21 16 E
	POPL	56 18 N	21 21 E
	POPL	56 36 N	21 35 E
	POPL	56 33 N	21 10 E
	POPL	56 22 N	21 37 E
GRIUZUPE SEE GRIZUPE GRIZUPE GRIZUPES SEE GRIZUPE GROBIN SEE GROBINA GROBINA	POPL POPL POPL POPL	56 34 N 56 34 N 56 34 N 56 33 N 56 33 N	21 08 E 21 08 E 21 10 E 21 10 E
GROBINYA SEE GROBINA	POPL	56 33 N	21 10 E
IIMAJA, STACIJA	RSTA	56 35 N	21 33 E
IIMAJA SEE IIMAJA, STACIJA	RSTA	56 35 N	21 33 E
IVANISHKI SEE TRUBAKIAI	POPL	56 19 N	21 38 E
IYECKI, STANTSIYA SEE JECI, STACIJA	RSTA	56 18 N	21 12 E
Jaunamuiza see jaunmuiza	POPL	56 33 N	21 39 E
Jaunmuiza	POPL	56 33 N	21 39 E
Jeci, stacija	RSTA	56 18 N	21 12 E
Jurmalciems	POPL	56 18 N	20 58 E
Jurmali	POPL	56 20 N	20 59 E
KALETI	POPL	56 22 N	21 28 E
KALETI, STACIJA	RSTA	56 20 N	21 32 E
KALETU SEE KALETI	POPL	56 22 N	21 28 E
KALETU MUIZA SEE KALETI	POPL	56 22 N	21 28 E
KALNAKROGS KALNAKROGS KAPSEDA KAPSEDE SEE KAPSEDA KAPSIDEN SEE KAPSEDA	POPL POPL POPL POPL	56 26 N 56 33 N 56 36 N 56 36 N 56 36 N	21 26 E 21 32 E 21 08 E 21 08 E 21 08 E
Kara Osta Karta Osta see kara Osta Kiburi Klamp'i see klampji Klampji	POPL POPL POPL POPL	56 21 N	21 01 E 21 01 E 21 15 E 20 58 E 20 58 E
KLAMFJU CIEMS SEE KLAMPJI	POPL	56 21 N	20 58 E
KLOTE SEE KROTE	POPL	56 33 N	21 33 E
KROTE	POPL	56 33 N	21 33 E
KROTES SEE KROTE	POPL	56 33 N	21 33 E
KRUSATDROGA	POPL	56 34 N	21 37 E
KRUSATE SKE KRUSATDROGA KUGRAS LANI LAUGALI LAUGALI LAUGALI SKE LAUGALI	POPL POPL POPL POPL POPL	56 34 N 56 33 N 56 37 N 56 21 N 56 21 N	21 37 E 21 29 E 21 30 E 21 01 E 21 01 E

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LAURAGALI		POPL	56 22 N	21 07 E
LAURGALY SEE LAURAGALI	_	POPL		
	-		56 22 N	21 07 E
LEEPAJA SEE LIEPAJA		POPL	56 31 N	21 01 E
LEPAYA SEE LIEPAJA		POPL	56 31 N	51 OJ E
LIBAU SEE LIEPAJA		POPL	56 31 N	21 01 E
LIBAVA SEE LIEPAJA		POPL	56 31 N	21 01 E
LIEGE SEE LIEGI				
LIEGES MUIZA SEE LIEGI		POPL	56 35 N	21 20 E
		POPL	56 35 N	21 20 E
LIEGI		POPL	56 35 N	21 20 E
LIELVARDE SEE VARVE		POPL	56 33 N	21 23 E
LIELVARVE SEE VARVE		POPL	56 33 N	21 23 E
LIEPATYA SEE LIEPAJA			JU JJ M	
LIEPAJA		POPL	56 31 N	21 01 E
		POPL	56 31 N	21 O1 E
LIEPAYA SEE LIEPAJA		POPL	56 31 N	21 O1 E
LIEPOJA SEE LIEPAJA		POPL	56 31 N	21 Ol E
LIYEPAYA SEE LIEPAJA		POPL	56 31 N	21 01 E
LUBAS		POPL	56 29 N	21 27 E
LUBUKROGS SEE LUBAS		POPL	56 29 N	21 27 E
LUKNES SEE MAZOJI PALUKNE		POPL	56 14 N	
LUKNIE SEE MAZOJI PALUKNE				21 27 E
DORNIE DEE MAZOGI PALORNE		POPL	56 14 N	21 2 <b>7 E</b>
MACKARI SEE MATERI		POPL	56 37 N	21 07 E
MALOYE PALUKNE SEE MAZOJI PALUKNE		POPL	∌56 14 N	21 27 E
MATERI		POPL	56 37 N	21 07 E
MATERN SEE MATERI		POPL	56 37 N	21 07 E
MAZDROGA SKE MAZDROGAS		POPL		•
PALIDICOR DES PARIDICORD		FOFL	56 36 N	21 39 <b>E</b>
MAZDROGAS		POPL	56 36 N	21 39 E
MAZGRAMZDA	Ø	POPL	56 24 N	21 39 E
MAZIBJI SARKE SEE SARKE		POPL	56 16 N	21 40 E
MAZIIMAJA		POPL	56 36 N	21 35 E
MAZ ILMAJAS SEE MAZILMAJA			56 36 N	21 35 E
THE THE COM PROTECTION		FOFL S	) 30 M	21 37 6
MAZOJI PALUKNE		POPL	56 14 N	21 27 E
MAZVARVE		POPL	56 35 N	21 20 E
MAZVARVENE SEE MAZVARVE		POPL	56 35 N	21 20 E
MIETRAGI		POPL	56 16 N	21 00 E
MYZA BAGA ASITE SEE ASITE		POPL	56 28 N	21 40 E
ASTA DADDA COM DADDA			- 4 -	-
MYZA BARTA SEE BARTA		POPL	56 21 N	21 19 E
MYZA GAVIEZNE SEE GAVIEZE		POPL	56 30 N	21 15 E
MYZA KALETI SEE KALETI		POPL	56 22 N	21 28 E
MYZA LIYEGE SEE LIEGI J		POPL	56 35 N	21 20 E
MYZA MATRU SEE MATERI		POPL	56 37 N	21 07 E
MYZA MAZ ILMAYA SEE MAZILMAJA		DODI	=6 26 ***	01 25 5
		POPL	56 36 N	21 35 E
MYZA PALAKA SEE PAPLAKA		POPL	56 26 N	21 27 E
MYZA PAPE SEE PAPE		POPL	56 14 N	21 04 E
MYZA PAPLAKA SEE PAPLAKA		POPL	56 26 N	21 27 E
MYZA PERKONE SEE PERKONI		POPL	56 28 N	21 01 E

MYZA USAYTI SEE USAIKUKROGS MYZA VARVE SEE VARVE NARVIDZHYAY SEE NARVYDZIAI NARVYDZIAI NARVYDZII SEE NARVYDZIAI	POPL POPL POPL POPL	56 18 N	21 34 E 21 23 E 21 35 E 21 35 E 21 35 E
NICA NICAS MUIZA SEE NICA NITSA SEE NICA CLANKI SEE OTANKI OPULE SEE APUOLE	POPL POPL POPL POPL	56 21 N 56 21 N 56 26 N	21 04 E 21 04 E 21 06 E 21 40 E
OTANKI OTANTI SEE OTANKI PADONE, STACIJA FAIPAS SEE FAIPE FAIFE	POPL POPL RSTA POPL POPL	56 26 N 56 26 N 56 34 N 56 17 N 56 17 N	21 06 E 21 06 E 21 28 E 21 03 E 21 03 E
PAIPES SEE PAIPE FAKAINISHKYAY SEE PAKAINISKIAI PAKAINISKIAI FAKAINISKIU SEE PAKAINISKIAI PAIAKA, MYZA SEE PAPIAKA FAIUKNES SEE MAZOJI PALUKNE	POPL POPL POPL POPL POPL	56 17 N 56 17 N 56 17 N 56 17 N 56 26 N 56 14 N	21 03 E 21 39 E 21 39 E 21 39 E 21 27 E 21 27 E
PAPE PAPE MUIZAS CENTRS SEE PAPE FAFLAKA PAFLAKA, STACIJA PAPLAKAS MUIZA SEE PAPLAKA	POPL POPL POPL RSTA POPL	56 14 N 56 14 N 56 26 N 56 27 N 56 26 N	21 04 E 21 04 E 21 27 E 21 30 E 21 27 E
PAYFAS SEE FAIPE FERKONE SEE PERKONI FERKONE MUIZAS CHATES SEE PERKONI PERKONES MUIZA SEE PERKONI PERKONI	POPL POPL POPL POPL POPL	56 17 N 56 28 N 56 28 N 56 28 N 56 28 N	21 03 E 21 01 E 21 01 E 21 01 E 21 01 E
FERLES SEE PERLIS FERLI SEE PERLIS PERLIS PIECHI SEE PIECI FIECI	POPL POPL POPL POPL POPL	56 27 N 56 27 N 56 18 N	21 27 E 21 27 E 21 27 E 21 29 E 21 29 E
PREEKULN SEE PRIEKULE PREKULN SEE PRIEKULE PRIEKULE PRIEKULE PRIYEKULE SEE PRIEKULE	POPL POPL POPL POPL	56 26 N 56 26 N 56 26 N 56 26 N	21 35 E 21 35 E 21 35 E
PRIYEKULI SEE PRIEKULE FUCHKORYAY SEE PUCKORIAI PUCKORIAI PUCKORIU SEE PUCKORIAI PURMSATE SEE PURMSATI	POPL POPL POPL POPL	56 14 N	21 33 R

PURMSATI PURMSATY SEE PURMSATI PUTKALE SEE PUCKORIAI ROLAVA ROLAVAS SEE ROLAVA	POPL POPL POPL POPL	56 24 N 56 24 N 56 14 N 56 33 N 56 33 N	21 31 E 21 31 E 21 33 E 21 15 E 21 15 E
ROLI RUDES SARKE SARKE SARKES SEE SARKE SCHODEN SEE SKUODAS	POPL POPL POPL POPL	56 16 N 56 23 N 56 16 N 56 16 N 56 16 N	21 15 E 21 06 E 21 40 E 21 40 E -21 32 E
SEPSKI SEE SEPSNI SEPSNI SHARKE SEE SARKE SIKLE SIKLES SEE SIKLE	POPL POPL POPL POPL	56 23 N 56 23 N 56 16 N 56 19 N 56 19 N	21 16 E 21 16 E 21 40 E 21 06 E 21 06 E
SIKSHNI SEE SIKSNI SIKSNI SILENIEKI SILENIYEKI SEE SILENIEKI SKUDOAS SEE SKUODAS	POPL POPL POPL POPL	56 16 N 56 16 N 56 29 N 56 29 N 56 16 N	21 15 E 21 15 E 21 13 E 21 13 E 21 32 E
SKUODAS SKUODO SEE SKUODAS SLAMSTE SLAMSTI SEE SLAMSTE SLUTURI	POPL POPL POPL POPL POPL	56 16 N 56 16 N 56 19 N 56 19 N 56 32 N	21 32 E 21 32 E 21 13 E 21 13 E 21 34 E
SUSTA, STACIJA SZKJDÝ SEE EKUODÁS TADAIKI TADAIKI, STACIJA TADAITI SEE TADAIKI	RSTA POPL POPL RSTA POPL	56 27 N 56 16 N 56 31 N 56 33 N 56 31 N	21 22 E 21 32 E 21 26 E 21 22 E 21 26 E
TADAYKI SEE TADAIKI, STACIJA TADAYTI, STANTSIYA SEE TADAIKI, STACIJA TASEU SEE TASI TASI TIBURI SEE KIBURI	RSTA RSTA POPL POPL POPL	56 33 N 56 33 N 56 36 N 56 36 N 56 24 N	21 22 E 21 22 E 21 13 E 21 13 E 21 15 E
TOSMARE, STACIJA TRUBAKIAI TRUBAKIU SEE TRUBAKIAI TSENKONI SEE CENKONI TSEPLENIEKS SEE CEPLENIEKI	RSTA POPL POPL POPL POPL	56 32 N 56 19 N 56 19 N 56 27 N 56 15 N	21 04 E 21 38 E 21 38 E 21 01 E 21 00 E
USAIKI SEE USAIKUKROGS USAIKUKROGS UZEULUOBE SEE UZLUOBE UZLUBIE SEE UZLUOBE UZLUOBE	POPL POPL POPL POPL	56 30 N 56 30 N 56 16 N 56 16 N 56 16 N	21 34 E 21 34 E 21 36 E 21 36 E 21 36 E
UZILUOBES SEE UZILUOBE VARVA SEE VARVE VARVE VARVES MUIZA SEE VARVE VEIDELLI	POPL POPL POPL POPL	56 16 N 56 33 N 56 33 N 56 33 N 56 19 N	21 36 E 21 23 E 21 23 E 21 23 E 21 14 E

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VEIDI SEE VEIDELI VIRGA	POPL POPL	56 19 N 56 29 N	21 14 E 21 25 E
VIRGAS MUIZA SEE VIRGA	POPL	56 29 N	21 25 E
VITINI	POPL	56 30 N	21 07 E
VITINU PUSMUIZA SEE VITINI	POPL	56 30 N	21 07 E
VIINU SEE VIIINI	POPL	56 30 N	21 07 E
VITYNYU SEE VITINI	POPL	56 30 N	21 07 E
Yaunamuyzha see jaunmuiza	POPL	56 33 N	21 39 E
YECHI SKE JECI, STACIJA	rsta	56 18 N	21 12 E
Yurmalisiems see jurmalciems	POPL	56 18 N	20 58 E
YURMALITSIYEM SEE JURMALCIEMS	POPL	56 18 N	20 58 E

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